



Appl. No. 10/706,660
Filed November 12, 2003

Amendments to the Claims:

Claim 1 has been amended and Claims 21-23 have been added. This listing of claims replaces are previous versions of the claims.

Listing of Claims:

1. **(Currently amended)** A multilumen catheter, comprising:
 - an elongate, flexible tubular body, having a proximal end and a distal end;
 - a first lumen extending throughout the length of the tubular body, between the proximal end and the distal end, said first lumen having an open proximal access port for receiving a guidewire and an open distal access port through which said guidewire can extend; and
 - a second lumen extending between a proximal port and a distal port;wherein at least the distal port is spaced proximally apart from the distal end.
2. **(Original)** A multilumen catheter as in Claim 1, further comprising an axially extending tear line in the wall defining the second lumen.
3. **(Original)** A multilumen catheter as in Claim 2, wherein the tear line comprises a perforation line.
4. **(Original)** A multilumen catheter as in Claim 2, wherein the second lumen is defined within a wall, and the tear line comprises a reduced thickness in the wall.
5. **(Original)** A multilumen catheter as in Claim 4, wherein the tear line comprises an axially extending recess in the wall.
6. **(Original)** A multilumen catheter as in Claim 5, wherein the recess extends radially outwardly from an interior surface of the wall.
7. **(Original)** A multilumen catheter as in Claim 1, wherein the distal port is spaced proximally apart from the distal end by at least about 2 cm.
8. **(Original)** A multilumen catheter as in Claim 1, further comprising an axially extending slit in the wall of the second lumen.

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9. **(Original)** A multilumen catheter as in Claim 1, wherein the length of the second lumen is within the range of from about 20% to about 60% of the length of the catheter.

10-20. **(Cancelled)**

21. **(New)** A multilumen catheter as in Claim 1, wherein said distal port is positioned within the range of about 15 centimeters to about 20 centimeters from the open distal access port.

22. **(New)** A multilumen catheter as in Claim 1, wherein said proximal port is positioned within the range of about 40 centimeters to 60 centimeters from the open distal access port.

23. **(New)** A multilumen catheter as in Claim 1, wherein said proximal port is positioned within the range of about 30 centimeters to 40 centimeters from the open proximal access port.